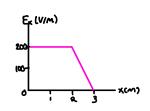
29.P.2 Potential Difference 70=-5cm y = 5cm E= 20,0007-50,0003 V/m

Vo+ Vg = -50V -500V

= -650V

29.P.4

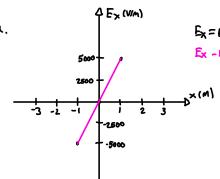


$$A = 2(200) + \frac{1}{2}(1)(200)$$

$E_x = 6000 \times V/m$

α.

29.P.35



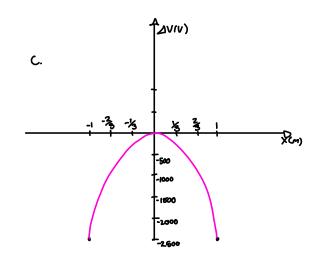
b.
$$\triangle V = -\int \vec{E} \cdot d\vec{s}$$

 $\vec{E}_x = 5000 \times V/M$
 $\Delta V = -\int 5000 \times dx$

$$= -(2500 x^2)$$

 $\Delta V = -2500 x^2$

△v= -2500x2



conceptual

29.C.1

